

Hunters Point Radiological Program Update

**Hunters Point Naval Shipyard
BCT Meeting
July 2, 2014**

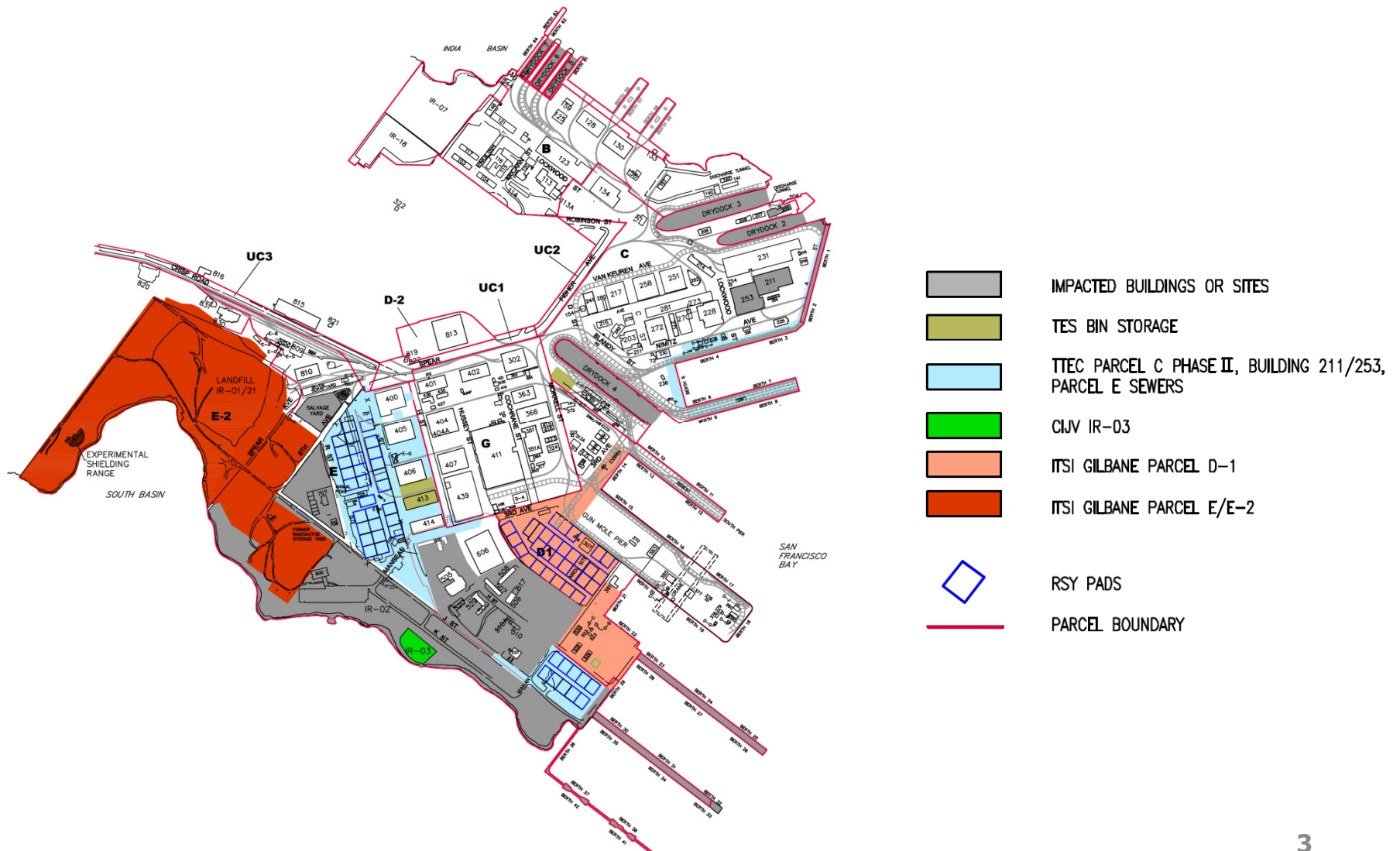
Overview



Radiological Project Work Overview

- Current Project Map
- Parcel C
 - Phase II Field Work
 - Ship Berth Survey
 - Buildings 253 and 211 Survey
- Parcel E
 - "I Street" SS/SD Removal
- Parcel D-1
- FSS Report Status

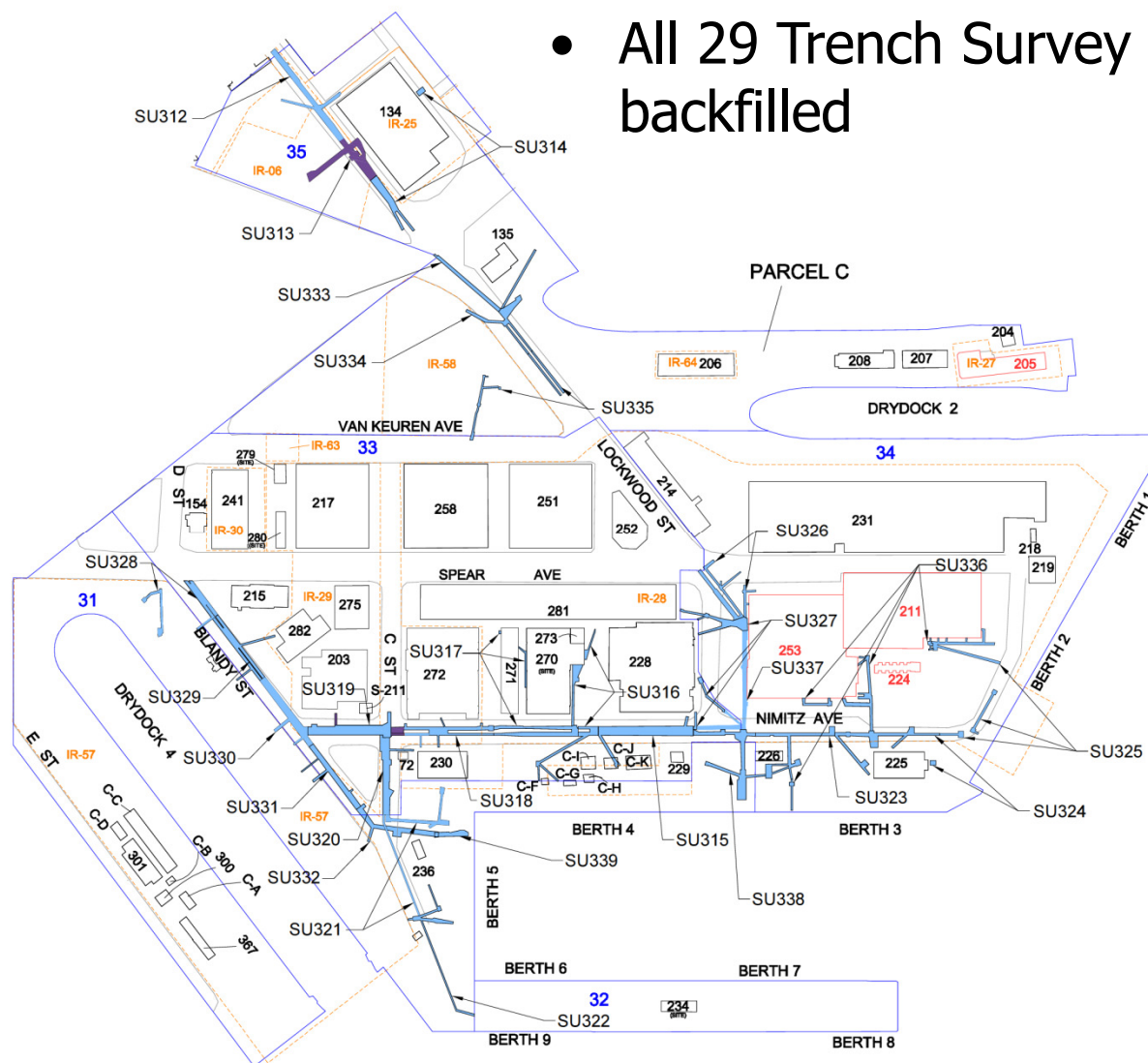
2014 Radiological Projects



Parcel C - Phase II



- All 29 Trench Survey Units (SUs) backfilled



- ACTIVE SURVEY UNITS (QTY = 0)
- SURVEY UNITS THAT HAVE PASSED SCREENING SAMPLING BUT WAITING FOR DEFINITIVE DATA (QTY = 0)
- SURVEY UNITS THAT HAVE PASSED DEFINITIVE DATA BUT WAITING FOR BACKFILL APPROVAL (QTY = 0)
- APPROVED FOR BACKFILL (QTY = 0)
- PORTION OF SURVEY UNIT TRANSFERRED TO CB&I (QTY = 2)
- CURRENTLY BACKFILLING/SITE RESTORATION (QTY = 0)
- BACKFILLED/RESTORED (QTY = 27)

Parcel C - Phase II



Preparing surface for asphalt placement



Asphalt placement



Paved lower Lockwood Street



Paved upper Lockwood Street

Parcel C - Phase II



Striping of Lockwood Street

Parcel C - Phase II



Surveying of railroad base plates removed from Ship Berths

Parcel C – Phase II Ship Berth Surveys

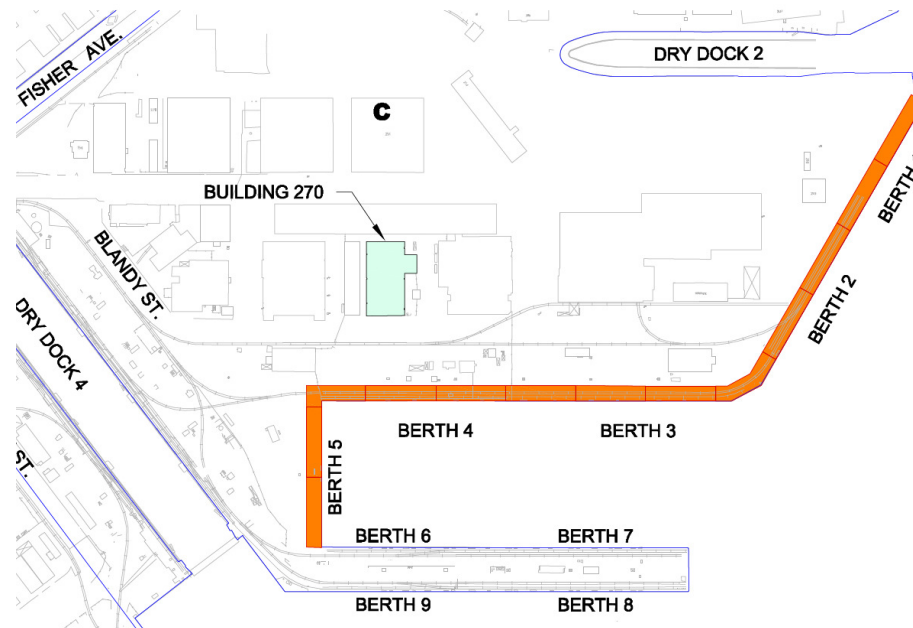


Terrestrial (soil) Survey Units (Ship Berths 3, 4, and 5):

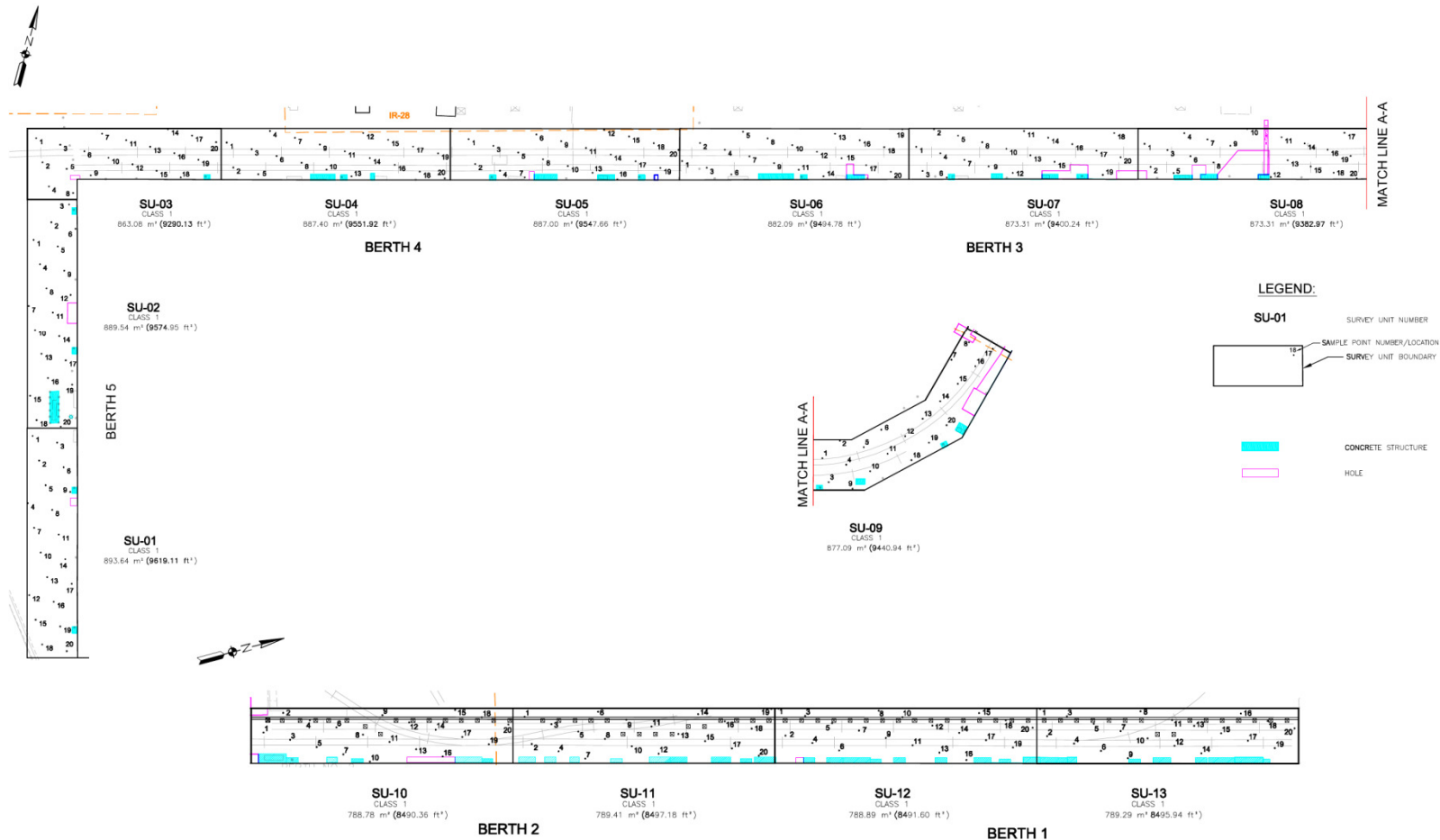
- SUs 1, 2, 3, 4, 5, 6, 7, 8, and 9 – Surveys complete

Cantilevered (concrete) Survey Units (Ship Berths 1 and 2):

- SUs 10, 11, 12, and 13 – Survey data undergoing internal quality control review



Parcel C – Phase II Ship Berth Surveys



Buildings 253 and 211



	Class 1 Areas	Class 2 Areas	Class 3 Areas
Gamma Scans	100%	11%	----
Alpha/Beta Scans	100%	11%	----
Systematic Samples/Swipes	100%	11%	----
Biased Samples/Swipes	100%	11%	100%

Buildings 253 and 211



	Class 1 Area	Class 2 Area	Class 3 Area
No. of SUs^{1/}	252 ^{1/}	9	10
No. Met Release Criteria	211	1	9
No. Exceeded Release Criteria	35	----	1
No. Exceeded Investigation Criteria But Not Release Criteria	2	----	----
No. of SUs Not Surveyed Due to Safety Concerns^{2/}	4		----
In Process of Being Surveyed	----	8	----
^{1/} Includes 2 soil SUs, one for each building; each met release criteria			
^{2/} Building 211 SUs 143, 144, 153, and 154			

Buildings 253 and 211



Material & equipment surveys of building columns



Marking systematic sample locations in a Class 2 area

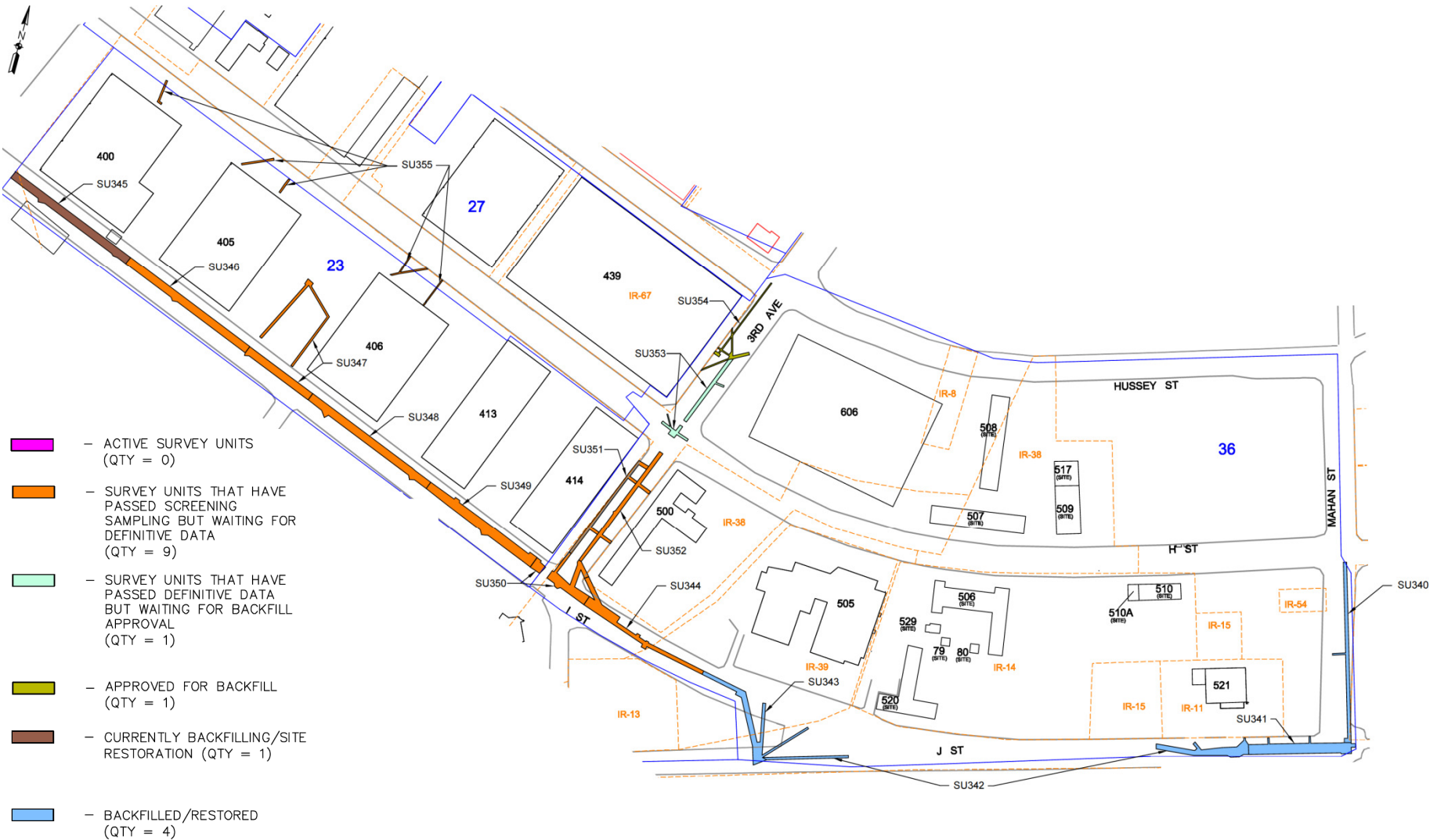
Parcel E SS/SD Removals

“I Street”



- SS/SD Removal – 100% complete with removal of 7,642 LF
- All 16 Trench SUs Excavated:
 - 9 – Passed screening sample analysis; awaiting definitive data
 - 1 – Awaiting backfill approval
 - 1 – Approved for backfill
 - 1 – Currently backfilling/undergoing site restoration
 - 4 – Backfilled /restored
- Approximately 26,903 LF (5.1 miles) of piping still remains in Parcel E/E2.

Parcel E SS/SD Removals “I Street”



Parcel E SS/SD Removals “I Street”



Backfill of SU 342 along J Street

Parcel D-1

Phase I



– Gun Mole Pier

- CDPH confirmation surveys completed March 18
- Recommendation for Unrestricted Radiological Release letter anticipated following CDPH analysis of confirmation samples and confirmation surveys

Parcel D-1

Phase II



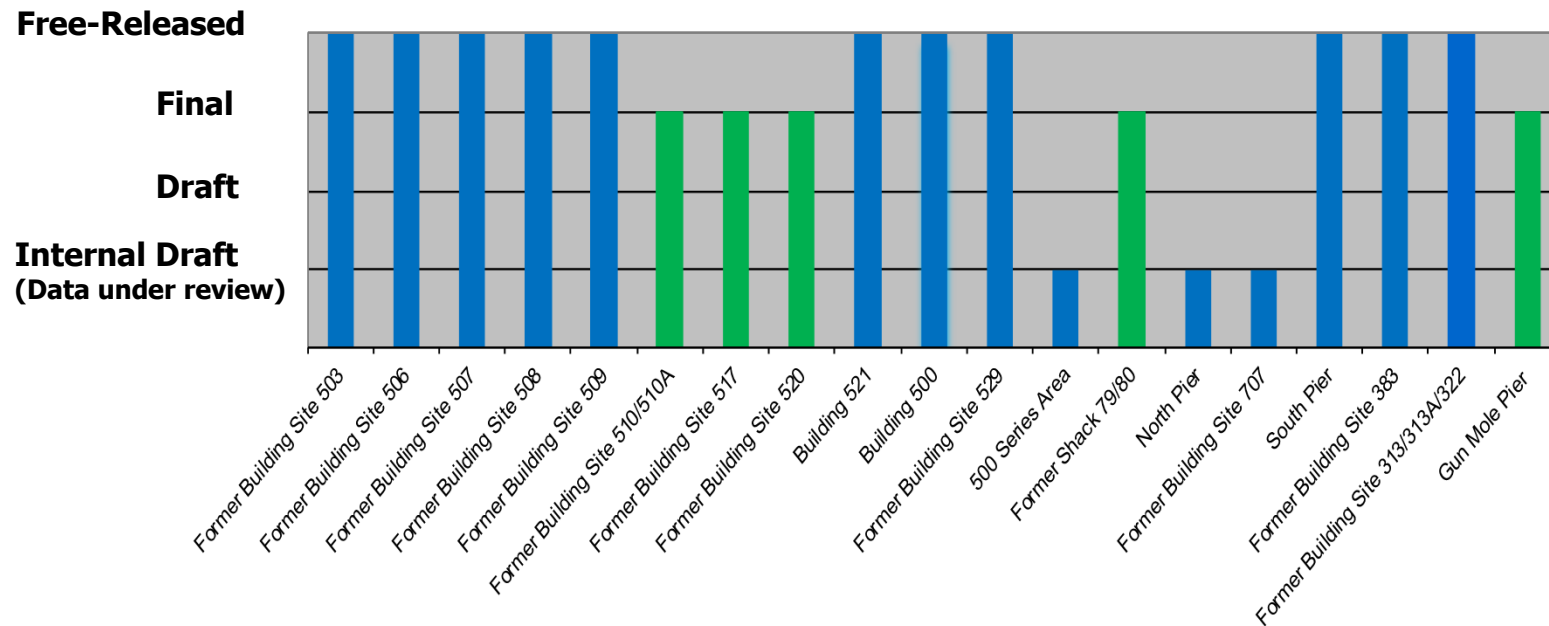
- Completed scanning and sampling at 17 SUs and the NRDL site
- Field Work to resume on July 7
 - Complete Ship Berth 21, 22, 29 & 14 Surveys
 - Disposal of wooden rail ties
 - Backfill of all SS/SD trenches
 - De-construction and removal of RSY-2

SS/SD Removal Totals



	Est. LF of Existing Pipe	LF of Pipe Removed
Parcels UC1 & 2	4,969	4,969
Parcel UC3	12,586	12,586
Parcel B	24,719	24,719
Parcel C - Ph 1	22,907	22,907
Parcel C - Ph 2	14,300	14,020
Parcel G	24,887	24,887
Parcel D Ph-1	12,952	12,952
Parcel D Ph-2	5,455	5,455
Parcel D2	2,286	1,988
Parcel E/E2	58,000	31,097
Total (LF)	183,306	155,580
Total (miles)	34.7	29.5

FSS Report Status Parcels C, D-1, & E



Waiting for concurrence for
Free-Release determination



Project Field Schedules



- Fieldwork Completion dates:
 - Parcel C Phase II – August 1, 2014
 - Parcel E "I Street" – August 1, 2014
 - Building 253/211 – July 25, 2014
 - Parcel D-1 Phase II – October 2014

Comments, Questions, Concerns ?
